



THE DATASHEET OF
175101-19-M0.50



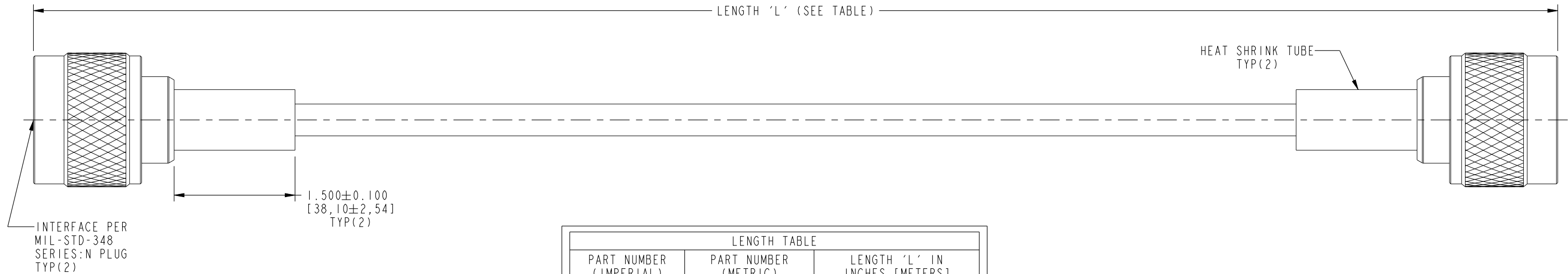
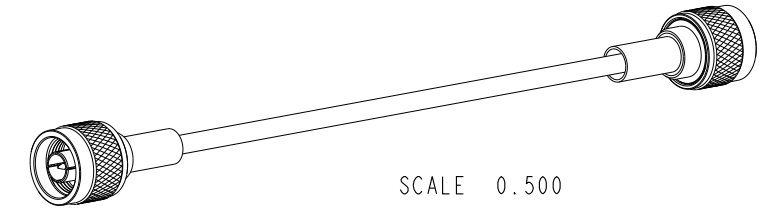
NOTES:

1. MATERIALS AND FINISHES:
 N STR PLUG - BRASS, WHITE BRONZE PLATING
 CABLE - RG 58
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
3. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 175101-19-XX.XX AND DATE CODE".

THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION | DATE | ECO | APPR |
|-----|---|-----------|-------|------|
| -- | RELEASE TO MFG. | -- | -- | -- |
| C | METRIC PART NUMBER UPDATED | 28-Feb-17 | 3143 | VK |
| D | LENGTH TABLE UPDATED, 60" & 72" LENGTHS ADDED | 09-Apr-19 | 11202 | VR |



| LENGTH TABLE | | |
|------------------------|----------------------|-------------------------------|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH 'L' IN INCHES [METERS] |
| 175101-19-06.00 | - | 6.00 [0.152] |
| - | 175101-19-M0.25 | 9.84 [0.250] |
| 175101-19-12.00 | - | 12.00 [0.305] |
| 175101-19-18.00 | - | 18.00 [0.457] |
| - | 175101-19-M0.50 | 19.69 [0.500] |
| 175101-19-24.00 | - | 24.00 [0.610] |
| - | 175101-19-M0.75 | 29.53 [0.750] |
| 175101-19-36.00 | - | 36.00 [0.914] |
| - | 175101-19-M1.00 | 39.37 [1.000] |
| 175101-19-48.00 | - | 48.00 [1.219] |
| 175101-19-60.00 | - | 60.00 [1.524] |
| 175101-19-72.00 | - | 72.00 [1.829] |
| - | 175101-19-M2.00 | 78.74 [2.000] |
| - | 175101-19-M4.00 | 157.48 [4.000] |

| TOLERANCE TABLE | |
|---------------------------------|----------------|
| LENGTH IN INCHES/FT [METERS] | TOLERANCE |
| 0" - 23.90" [0 - 0.607] | ±0.25" [0.006] |
| 24.00" - 59.00" [0.610 - 1.499] | ±0.50" [0.013] |
| 5.0' - 24.9' [1.524 - 7.617] | ±2.5% |
| 25.0' & UP [7.620 & UP] | ±5.0% |

DESIGN REQUIREMENTS:



- FREQUENCY: ____ GHz CONTINUITY
 VSWR ____ : 1 MAX. HI-POT: 500 VRMS
 INS. LOSS: ____ dB MAX. OTHER

CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| | | | | | | | |
|---|------------------------------|-----------|-----------|--|-----|-----------------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0.381 mm) ±.005 (0.127 mm) ± 1° | MATERIAL | DRAWN | DATE | TITLE N STR PLUG TO N STR PLUG USING RG-58 CABLE VARIOUS LENGTH SCALE: 1.6:1.0 SHEET 2 OF 2 | | Amphenol RF www.amphenolrf.com | |
| | SEE NOTES | CLEMENT | 04-Jul-16 | | | | |
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| | EAR # 7307 | GOPI M | 25-Jan-12 | | | | |
| | CONFIGURATION LEVEL: In Work | APPROVED | DATE | | | | |
| FINISH | K. CAPOZZI | 09-Apr-19 | | DWG SIZE | REV | | |
| | | | | B | D | | |

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